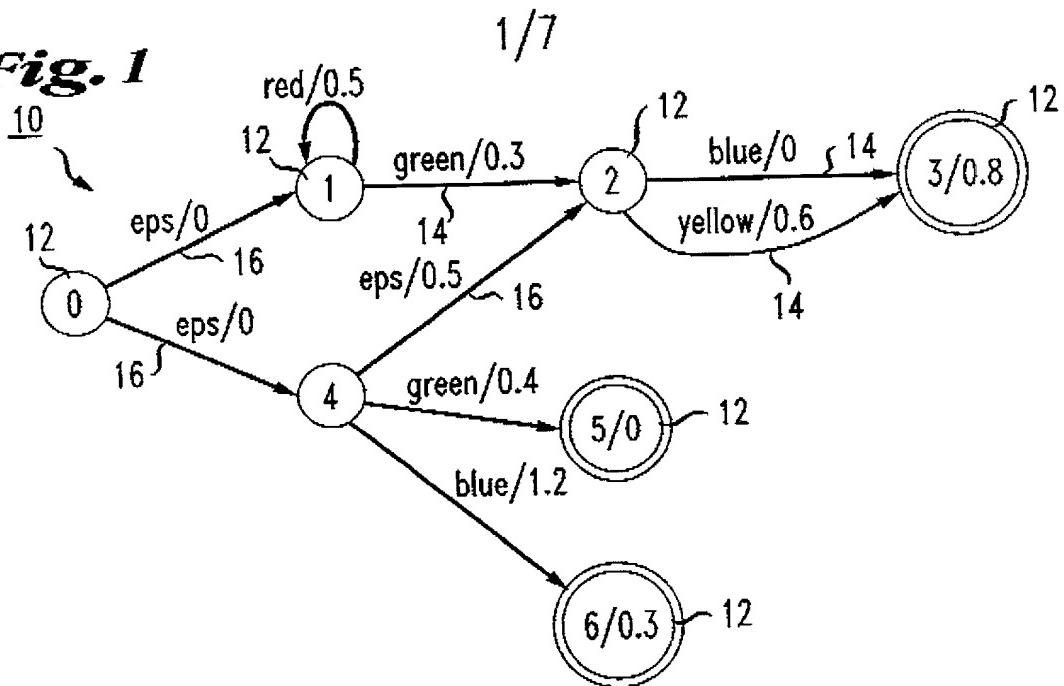
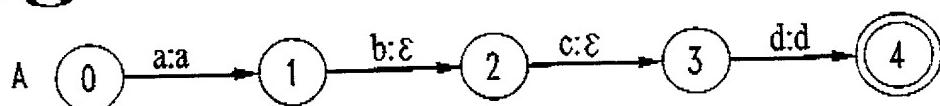
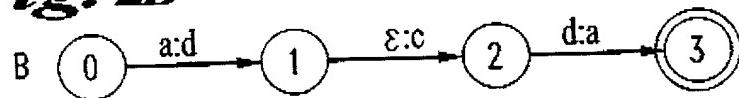
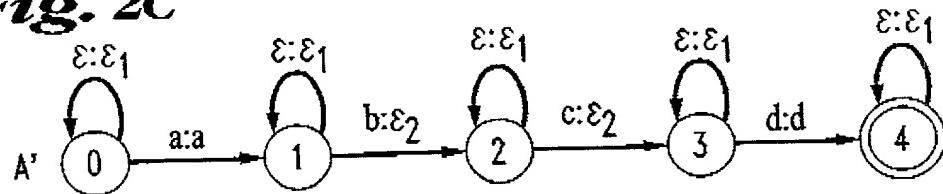
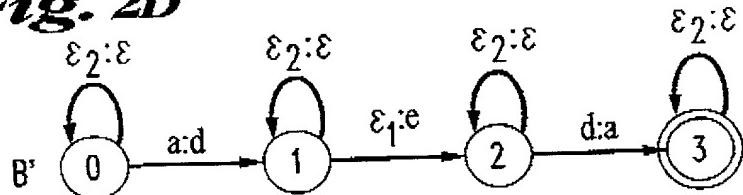


Fig. 1**Fig. 2A****Fig. 2B****Fig. 2C****Fig. 2D**

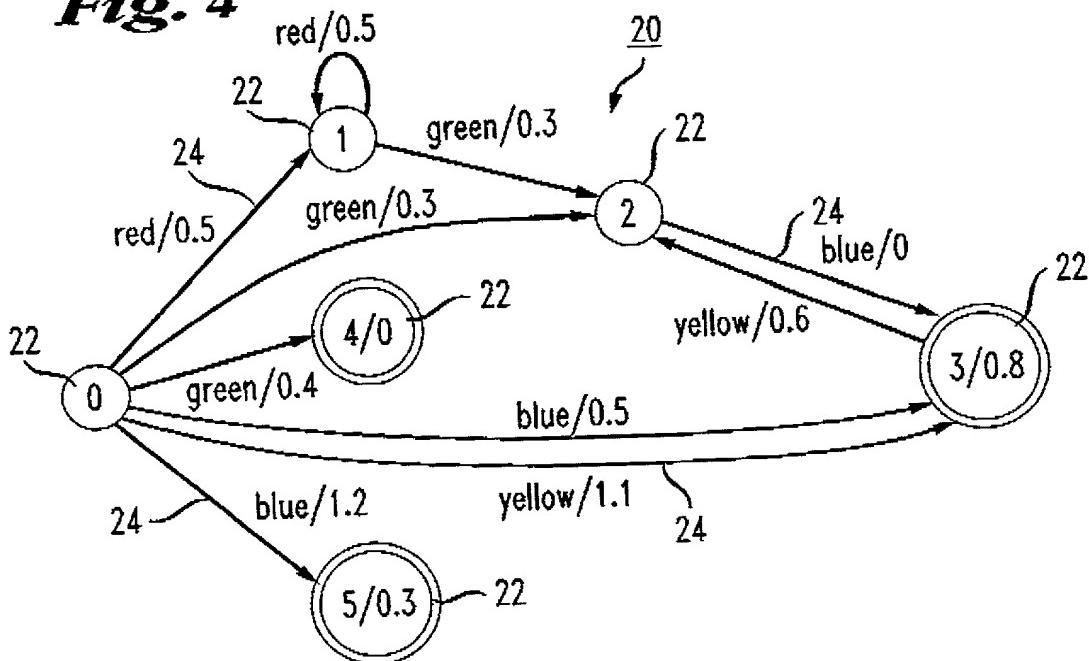
2/7

Fig. 3PRIOR ART

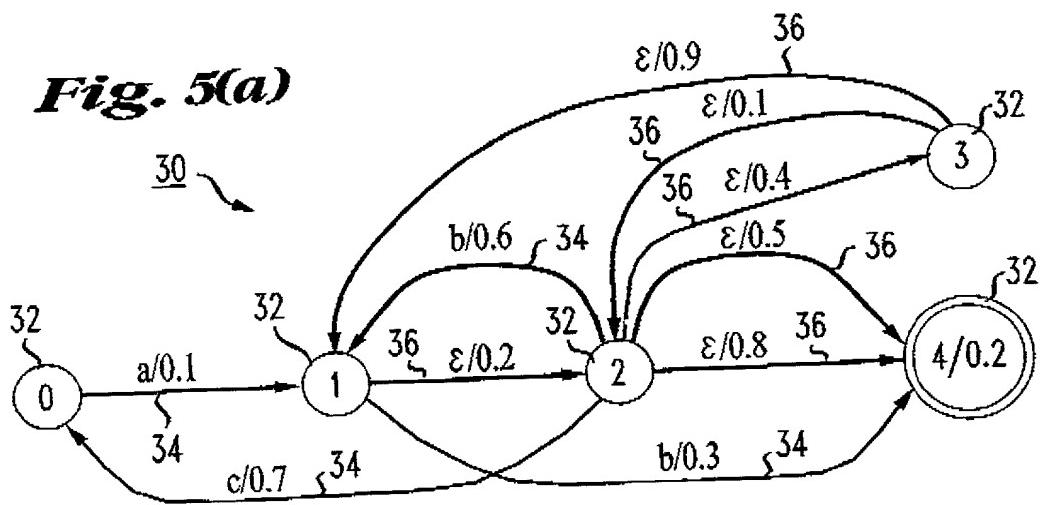
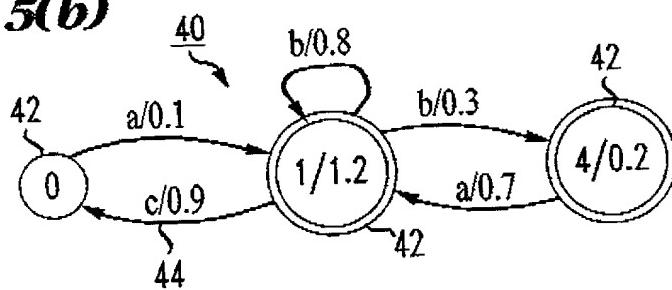
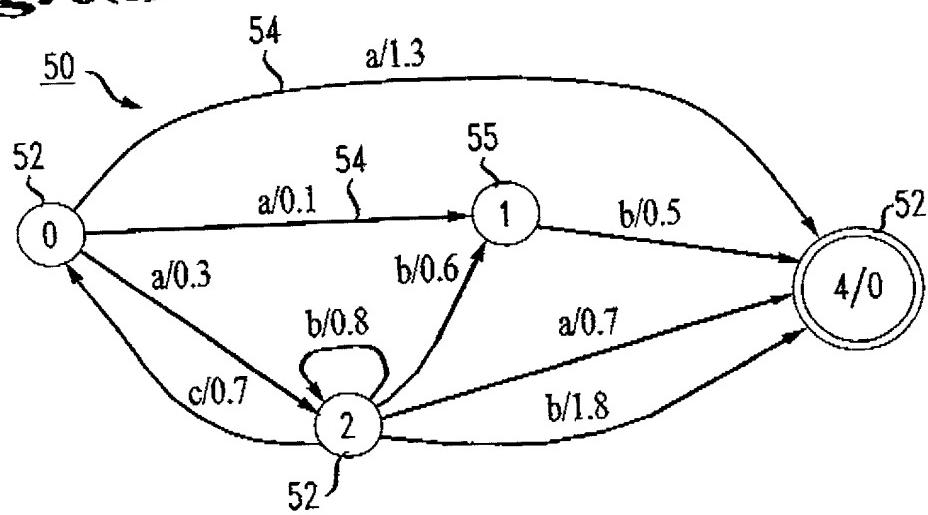
```

1    $M_{\Sigma} \leftarrow M_i[\{\varepsilon\}]$ 
2    $M_0 \leftarrow M_i[\Sigma^* - \{\varepsilon\}]$ 
3    $G_{\Sigma} \leftarrow \text{CLOSURE}(M_{\Sigma})$ 
4   for  $p \leftarrow 1$  to  $|V|$ 
5     do for each  $e \in \text{Trans } G_{\Sigma}[p]$ 
6       do for each  $t \in \text{Trans } M_i$  [ $\text{Next}(e)] \wedge i(t) \neq \varepsilon$ 
7         do  $t' \leftarrow \text{FINDTRANS } (i(t), \text{Next}(t), \text{Trans } M_0[p])$ 
8            $w(t') \leftarrow w(t') \oplus w(t) \otimes w(e)$ 

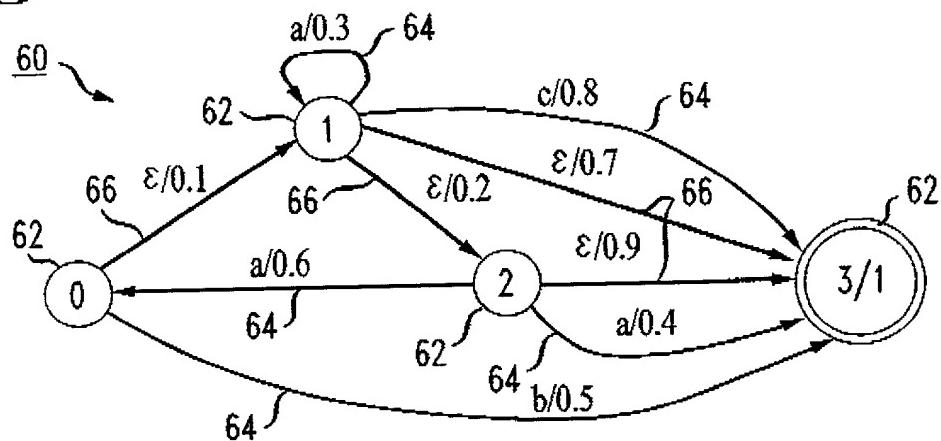
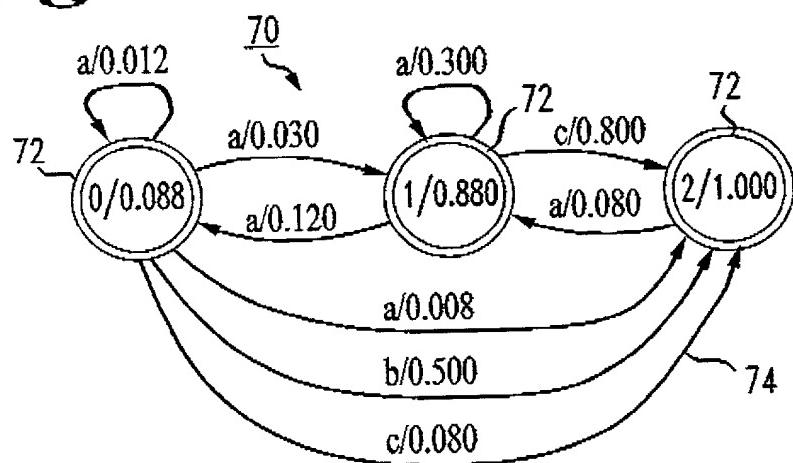
```

Fig. 4

3/7

Fig. 5(a)**Fig. 5(b)****Fig. 5(c)**

4/7

Fig. 6(a)**Fig. 6(b)**

5/7

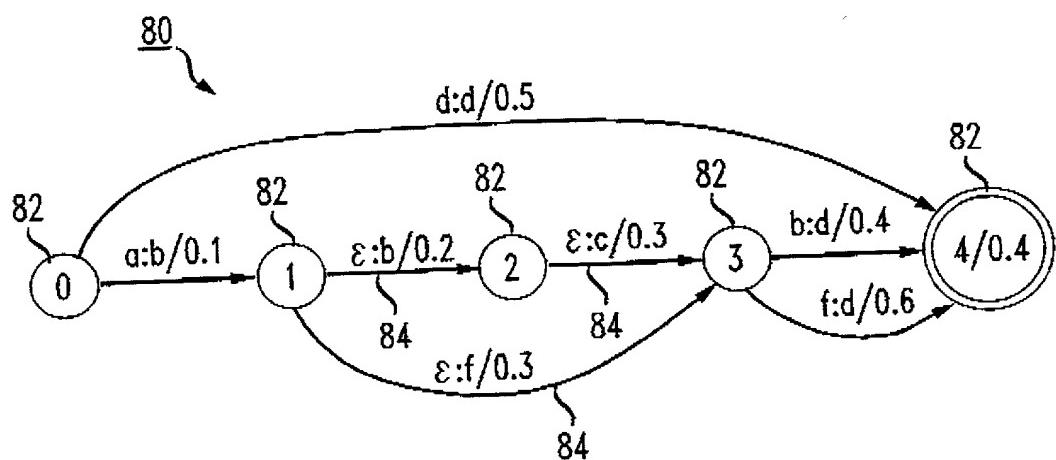
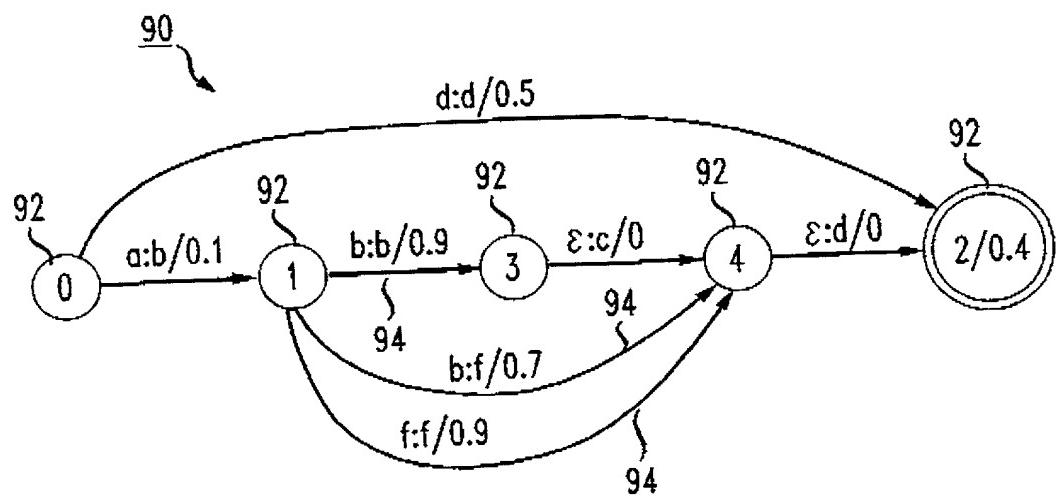
Fig. 7-----
GENERIC-SINGLE-SOURCE-SHORTEST-DISTANCE (B,s)

```

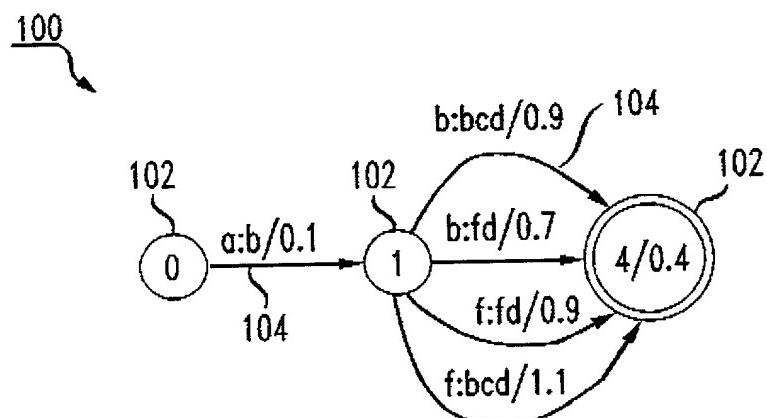
1  for each  $p \in Q$ 
2    do  $d[p] \leftarrow r[p] \leftarrow \bar{0}$ 
3     $d[s] \leftarrow r[s] \leftarrow \bar{1}$ 
4     $S \leftarrow \{s\}$ 
5    while  $S \neq \emptyset$ 
6      do  $q \leftarrow \text{head}(S)$ 
7         $\text{DEQUEUE}(S)$ 
8         $r \leftarrow r(q)$ 
9         $r(q) \leftarrow \bar{0}$ 
10       for each  $e \in E[q]$ 
11         do if  $d[n[e]] \neq d[n[e]] \oplus (r \otimes w[e])$ 
12           then  $d[n[e]] \leftarrow d[n[e]] \oplus (r \otimes w[e])$ 
13            $r[n[e]] \leftarrow r[n[e]] \oplus (r \otimes w[e])$ 
14           if  $n[e] \notin S$ 
15             then  $\text{ENQUEUE}(S, n[e])$ 
16    $d[s] \leftarrow \bar{1}$ 

```

6/7

Fig. 8(a)**Fig. 8(b)**

7/7

Fig. 9(a)***Fig. 9(b)***